

Yaesu FT-60 step-by-step programming for FM satellite communication

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Satellite Data for Fox-1D (AO-92) [provided by AMSAT]			
Overflight phase	TX (Tone: 67,0Hz)	RX	Memory
1) Aquisition Of Signal (AOS)	435,340 MHz	145,880 MHz	101 [AO92-1]
2) Approach (APP)	435,345 MHz	145,880 MHz	102 [AO92-2]
3) Zenith (TCA)	435,350 MHz	145,880 MHz	103 [AO92-3]
4) Descent (DES)	435,355 MHz	145,880 MHz	104 [AO92-4]
5) Loss Of Signal (LOS)	435,360 MHz	145,880 MHz	105 [AO92-5]

Action	Description	Example
1	In VFO mode, insert the RX frequency (using keypad or DIAL)	145,880
2	Press [F/W] for 1 second	
3	After releasing [F/W], you have 10 seconds to select the memory position (DIAL).	101
4	Press [F/W] again to save the data	MEM-IN
5	Still in the VFO mode, insert the TX frequency (keypad or DIAL)	435,340
6	Press [F/W] for 1 second and select the same memory position (using DIAL)	101
7	Press and hold PTT, than press [F/W] while holding PTT (no transimtion occurs)	MEM-IN
8	Press [V/M] to enter MEMORY mode and select position 101	
9	Press [F/W] then press [0 (SET)]	
10	Select SQL.TYP (48) using the DIAL then press [F/W]	SQL.TYP
11	Select TONE using the DIAL then press [F/W]	TONE
12	Select TN FRQ (50) using the DIAL then press [F/W]	TN FRQ
13	Select 67,0HZ using the DIAL then press[F/W]	67,0HZ
14	Select NAME (27) using the DIAL then press [F/W]	NAME
15	Select ALPHA using the DIAL then press [F/W]	ALPHA
16	Select NM WRT (28) using the DIAL then press [F/W]	NM WRT
17	Press [F/W] to start editing the memory's name
18	Select letter 'A' using the DIAL then press [F/W] to go to the next character	A.....
19	Select letter 'O' using the DIAL then press [F/W] to go to the next character	AO.....
20	Select number '9' using the DIAL then press [F/W] to go to the next character	AO9...
21	Select number '2' using the DIAL then press [F/W] to go to the next character	AO92..
22	Select minus sign '-' using the DIAL then press [F/W] to go to the next character	AO92-.
23	Select number '1' using the DIAL then press [F/W] to finish (max. 6 characters)	AO92-1
24	Press PTT to exit configuration mode	
25	Press [F/W] for 1 second and select the memory position chosen in Action 3	101

Repeat the above steps for the remaining overflight phases, using the data provided in the first table to program the next memory positions (102, 103, 104 e 105).